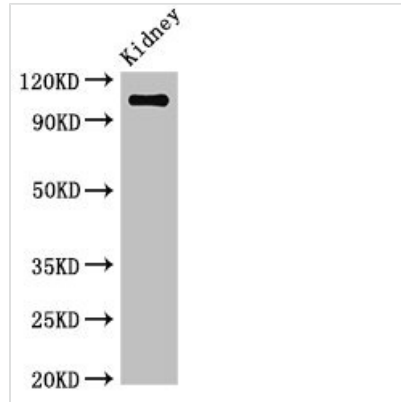




# ANPEP Antibody

<b>Product Code</b>	CSB-PA001827LA01HU
<b>Abbreviation</b>	Aminopeptidase N
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Uniprot No.</b>	P15144
<b>Immunogen</b>	Recombinant Human Aminopeptidase N protein (34-219AA)
<b>Raised In</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse
<b>Tested Applications</b>	ELISA, WB, IHC, IF; Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IF:1:50-1:200
<b>Relevance</b>	<p>Broad specificity aminopeptidase. Plays a role in the final digestion of peptides generated from hydrolysis of proteins by gastric and pancreatic proteases. May play a critical role in the pathogenesis of cholesterol gallstone disease. May be involved in the metabolism of regulatory peptides of diverse cell types, responsible for the processing of peptide hormones, such as angiotensin III and IV, neuropeptides, and chemokines. Found to cleave antigen peptides bound to major histocompatibility complex class II molecules of presenting cells and to degrade neurotransmitters at synaptic junctions. Is also implicated as a regulator of IL-8 bioavailability in the endometrium, and therefore may contribute to the regulation of angiogenesis. Is used as a marker for acute myeloid leukemia and plays a role in tumor invasion. In case of human coronavirus 229E (HCoV-229E) infection, serves as receptor for HCoV-229E spike glycoprotein. Mediates as well human cytomegalovirus (HCMV) infection.</p>
<b>Form</b>	Liquid
<b>Conjugate</b>	Non-conjugated
<b>Storage Buffer</b>	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
<b>Purification Method</b>	>95%, Protein G purified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Alias</b>	Aminopeptidase N (AP-N) (hAPN) (EC 3.4.11.2) (Alanyl aminopeptidase) (Aminopeptidase M) (AP-M) (Microsomal aminopeptidase) (Myeloid plasma membrane glycoprotein CD13) (gp150) (CD antigen CD13), ANPEP, APN CD13 PEPN
<b>Species</b>	Homo sapiens (Human)
<b>Research Area</b>	Immunology
<b>Target Names</b>	ANPEP
<b>Image</b>	

**Western Blot**

Positive WB detected in: Mouse kidney tissue

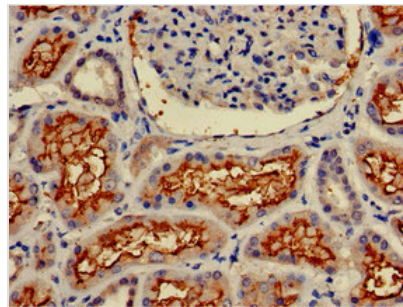
All lanes: ANPEP antibody at 3.4 $\mu$ g/ml

Secondary

Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 110 kDa

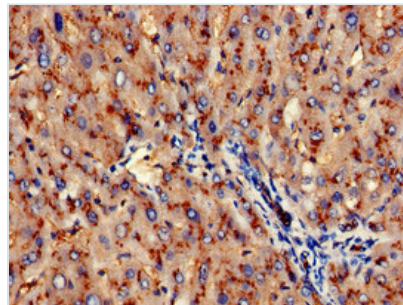
Observed band size: 110 kDa



Immunohistochemistry of paraffin-embedded

human kidney tissue using CSB-

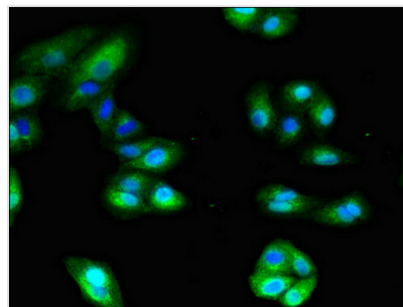
PA001827LA01HU at dilution of 1:100



Immunohistochemistry of paraffin-embedded

human liver tissue using CSB-

PA001827LA01HU at dilution of 1:100



Immunofluorescent analysis of HepG2 cells

using CSB-PA001827LA01HU at dilution of

1:100 and Alexa Fluor 488-conjugated

AffiniPure Goat Anti-Rabbit IgG(H+L)